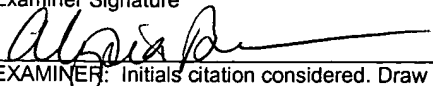
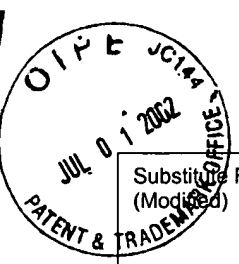


Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 00216-552001	Application No. 09/893,252
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Peter Styczynski et al.	
		Filing Date June 27, 2001	Group Art Unit 1617

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
AS	AA	6,299,865	10/09/01	Styczynski et al.			
	AB	6,248,751	06/19/01	Alhuwalia et al.			
	AC	6,239,170	05/29/01	Alhuwalia et al.			
	AD	6,235,737	05/22/01	Styczynski et al.			
	AE	6,218,435	04/17/01	Henry et al.			
	AF	6,121,269	09/16/00	Henry et al.			
	AG	6,093,748	07/25/00	Ahluwalia et al.			
	AH	6,060,471	05/09/00	Styczynski et al.			
	AI	6,037,326	03/14/00	Styczynski et al.			
	AJ	6,020,006	02/01/00	Styczynski et al.			
	AK	5,962,466	10/05/99	Styczynski et al.			
	AL	5,958,946	09/28/99	Styczynski et al.			
	AM	5,939,458	08/17/99	Henry et al.			
	AN	5,908,867	06/01/99	Henry et al.			
	AO	5,840,752	11/24/98	Henry et al.			
	AP	5,824,665	10/20/98	Henry et al.			
	AQ	5,776,442	07/07/98	Ahluwalia			
	AR	5,728,736	03/17/98	Shander et al.			
	AS	5,674,477	10/07/97	Ahluwalia			
	AT	5,652,273	07/29/97	Henry et al.			
	AU	5,648,394	07/15/97	Boxall et al.			
	AV	5,645,825	07/08/97	Hillebrand et al.			
	AW	5,554,608	10/10/96	Ahluwalia et al.			
	AX	5,474,763	12/12/95	Shander et al.			
	AY	5,468,476	11/21/95	Ahluwalia et al.			
	AZ	5,455,234	10/03/95	Ahluwalia et al.			
AS	AAA	5,444,090	08/22/95	Ahluwalia et al.			

Examiner Signature 	Date Considered 10/9/02
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U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
<i>AS</i>	BA	5,411,991	05/02/95	Shander et al.			
	BB	5,364,885	11/15/94	Ahluwalia et al.			
	BC	5,362,748	11/08/94	Schwen et al.			
	BD	5,328,686	07/12/94	Shander et al.			
	BE	5,300,284	04/05/94	Wiechers et al.			
	BF	5,271,942	12/21/93	Haverhagen			
	BG	5,189,212	02/23/93	Ruenitz			
	BH	5,143,925	09/01/92	Shander et al.			
	BI	5,132,293	07/21/92	Shander et al.			
	BJ	5,096,911	03/17/92	Ahluwalia et al.			
	BK	5,095,007	03/10/92	Ahluwalia			
	BL	4,935,231	06/19/90	Pigiet			
	BM	4,885,289	12/05/89	Breuer et al.			
	BN	4,720,489	01/19/88	Shander			
	BO	4,517,175	05/14/85	Iwabuchi et al.			
	BP	4,508,714	04/02/85	Cecic et al.			
	BQ	4,439,432	03/27/84	Peat			
	BR	4,370,315	01/25/83	Greff et al.			
	BS	4,269,831	05/26/81	Ferrari et al.			
	BT	4,191,775	03/04/80	Glen			
	BU	4,161,540	07/17/79	Neri et al.			
	BV	4,139,638	02/13/79	Neri et al.			
	BW	4,039,669	08/02/77	Beylar et al.			
<i>AS</i>	BX	3,426,137	02/04/69	Philpitt et al.			

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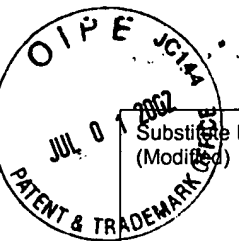
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
AB	CA	WO 98/02134	22.01.98	PCT WO	X	X		
	CB	0 532 219 A2	17.03.93	EPO				
	CC	0 413 528 B1	20.02.91	EPO				
AB	CD	1 458 349	15.12.76	United Kingdom				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
AB	CE	Ueno et al., Biochemistry 39: 5995-6002, 2000, <i>Inhibition of human telomerase by Rubromycin: implantation of spermatid system of the compounds as an active moiety.</i>
	CF	Kitagawa et al., "Demethylating Reagent 5-Azacytidine Inhibits Telomerase Activity in Human Prostate Cancer Cells through Transcriptional Repression of hTERT", Clin. Cancer Res. 6: 2868-2875, July 2000
	CG	Caprio et al., "A Novel Inhibitor of Human Telomerase Derived from 10Hindolo[3,2-b]quinoline, Bioorg. Med. Chem. Letters, Vol. 10, pp. 2063-2066, 2000
	CH	Szatmari et al., "Modified Telomeric Repeat Amplification Protocol: A Quantitative Radioactive Assay for Telomerase without Using Electrophoresis", Analytical Biochemistry, Vol. 282, pp. 80-88, 2000
	CI	Krupp et al., "Cell proliferation, carcinogenesis and diverse mechanisms of telomerase regulation", CMLS, Cell. Mol. Life Sci., Vol. 57, pp. 464-486, 2000
	CJ	Murakami et al., "Inhibition of Telomerase Activity and Cell Proliferation by a Reverse Transcriptase Inhibitor in Gynaecological Cancer Cell Lines", European Journal of Cancer, Vol. 35, No. 6, pp. 1027-1034, 1999
	CK	Naasani et al., "FJ5002: A Potent Telomerase Inhibitor Identified by Exploiting the Disease-oriented Screening Program with COMPARE Analysis", Cancer Research, Vol. 59, pp. 4004-4011, August 15, 1999
	CL	Lee et al., "Improved Inhibitors of Glucosylceramide Synthase", J. Biol. Chem., Vol. 274, pp. 14662-669, May 21, 1999
	CM	Spinedi et al., "N-Oleoyl ethanolamine Inhibits Glucosylation of Natural Ceramides in CHP-100 Neuroepithelioma Cells: Possible Implications for Apoptosis", Biochemical and Biophysical Research Comm., pp. 456-459 (1999), vol. 255.
	CN	Beltz et al., "The Effects of Telomerase Inhibitors on Lymphocyte Function", Anticancer Res. 19: 3205-3211, 1999
	CO	Hayakawa et al., "Isothiazolone Derivatives Selectively Inhibit Telomerase from Human and Rat Cancer Cells <i>in Vitro</i> ", Biochemistry 38: 11501-11507, 1999
	CP	Narisawa et al., "Inhibitory Effects of Ursodeoxycholic Acid on N-Methyl-nitrosourea-Induced Colon Carcinogenesis and Colonic Mucosal Telomerase Activity in F344 Rats", J. Exp. Clin. Cancer Res. 18: 259-266, 1999
AB	CQ	Tabata et al., "Diazaphilonic Acid, a New Azaphilone with Telomerase Inhibitory Activity", J. Antibiot. 52: 412-414, 1999

Examiner Signature <i>Alexia</i>	Date Considered 18/9/02
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Applicant
Peter Styczynski et al.Filing Date
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1617RECEIVED
JUL 8 0 2002
TECH CENTER 1600/2900**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
SB	DA	Herbert et al., "Inhibition of human telomerase in immortal human cells leads to progressive telomere shortening and cell death", <i>Proced. Natl. Acad. Sci.</i> Vol. 96, 14276-14281, December 7, 1999
	DB	Han et al., "Accelerated Assembly of G-Quadruplex Structures by a Small Molecule", <i>Biochemistry</i> 38: 6981, 1999
	DC	Page et al., "The Cytotoxic Effects of Single-Stranded Telomere Mimics on OMA-BL1 Cells", <i>Exp. Cell Res.</i> 252: 41, 1999
	DD	Harrison et al., "Human Telomerase Inhibition by Substituted Acridine Derivatives", <i>Bioorg. Med. Chem. Lett.</i> 9: 2463, 1999
	DE	Izbicka et al., "Effects of Cationic Porphyrins as G-Quadruplex Interactive Agents in Human Tumor Cells", <i>Cancer Res.</i> 59: 639, 1999
	DF	Bednarek et al., "Suppression of cell proliferation and telomerase activity in 4-(hydroxyphenyl)retinamide-treated mammary tumors", <i>Carcinogenesis</i> , Vol. 20, No. 5, pp. 879-883, 1999
	DG	Ogoshi et al., "In Situ Hybridization Analysis of the Expression of Human Telomerase RNA in Normal and Pathologic Conditions of the Skin", <i>The Journal of Investigative Dermatology</i> , Vol. 110, No. 5, May 1998
	DH	Botchkarev et al., "A New Role for Neurotrophin-3 Involvement in the Regulation of Hair Follicle Regression (Catagen)", <i>American Journal of Pathology</i> , Vol. 153, No. 3, September 1998
	DI	Botchkarev et al., "Neurotrophin-3 Involvement in the Regulation of Hair Follicle Morphogenesis", <i>The Journal of Investigative Dermatology</i> , Vol. 111, No. 2, August 1998
	DJ	Ichikawa et al., "Glucosylceramide synthase and glycosphingolipid synthesis", <i>trends in Cell Biology</i> , pp. 198-202, May 1998
	DK	Glukhov et al., "Inhibition of Telomerase Activity of Melanoma Cells <i>in Vitro</i> by Antisense Oligonucleotides", <i>Biochem. Biophys. Res. Comm.</i> 248: 368-371, 1998
	DL	Togashi et al., "Inhibition of Human Telomerase Activity by Alterperyleneol", <i>Oncol. Res.</i> 10: 449-453, 1998
	DM	Perry et al., "1,4- and 2,6- Disubstituted Amidoanthracene-9,10-dione Derivatives as Inhibitors of Human Telomerase", <i>J. Med. Chem.</i> 41: 3253-3260, 1998
	DN	Fedoroff et al., "NMR-Based Model of a Telomerase-Inhibiting Compound Bound to G-Quadruplex DNA". <i>American Chemical Society</i> , Vol. 37, No. 36, pp. 12367-12374, September 8, 1998
	DO	Wheelhouse et al., "Cationic Porphyrins as Telomerase Inhibitors: the Interaction of Tetra-(N-methyl-4-pyridyl)porphine with Quadruplex DNA", <i>J. Am. Chem. Soc.</i> Vol. 120, No. 13, pp. 3261-3262, 1998
	DP	Hoffman et al., "Interleukin-1- β -Induced Inhibition of Hair Growth <i>In Vitro</i> is Mediated by Cyclic AMP", <i>The Journal of Investigative Dermatology</i> , Vol. 108, pp. 40-42, 1997
	DQ	Yamakuchi et al., "New Quinolones, ofloxacin and levofloxacin, Inhibit Telomerase Activity in Transitional Cell Carcinoma Cell Lines", <i>Cancer Letters</i> , 119: 213-219, 1997
	DR	Yegorov et al., "Blockade of Telomerase Function by Nucleoside Analogs", <i>Biochemistry</i> Vol. 62: 1296-1305, 1997
SB	DS	Kohtaro et al., "Telomerase Activity in Human Leukemic Cell Lines is Inhibited by Antisense Pentadecadeoxynucleotides Targeted Against c-myc mRNA", <i>Biochem. Biophys. Res. Comm.</i> 241: 775-781, 1997

Examiner Signature

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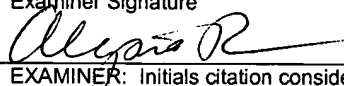
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Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
AD	EA	Sun et al., "Inhibition of Human Telomerase by a G-Quadruplex Interactive Compound", J. Med Chem. 40: 2113, 1997
	EB	Mata et al., "A Hexameric Phosphorothioate Oligonucleotide Telomerase Inhibitor Arrests Growth of Burkitt's Lymphoma Cells <i>in Vitro</i> and <i>in Vivo</i> ", Toxicol. Appl. Pharmacol. 144: 189, 1997
	EC	Fujimoto et al., "Telomerase Activity in Human Leukemic Cell Lines is Inhibited by Antisense Pentadecadeoxynucleotides Targeted Against c-myc mRNA", Biochemical and Biophysical Research Communications, 241, 775-781 (1997)
	ED	Ramirez et al., "Telomerase Activity Concentrates in the Mitotically Active Segments of Human Hair Follicles", The Journal of Investigative Dermatology, Vol. 108, No. 1, January 1997
	EE	Bielawska et al., "(1S,2R)-D-erythro-2-(N-Myrisoylamino)-1-phenyl-1-propanol as an Inhibitor of Ceramidase", The Journal of Biological Chemistry, Vol. 271, pp. 12646-54, May 24, 1996
	EF	Rani et al., "Cell Cycle Arrest Induced by an Inhibitor of Glucosylceramide Synthase", The American Society for Biochemistry and Molecular Biology, Inc., Vol. 270, pp. 2859-67, February 10, 1995
	EG	Blasco, M.A., "Functional Characterization and Developmental Regulation of Mouse Telomerase RNA", Science 269: 1267, 1995
	EH	Platt et al., "N-Butyldeoxynojirimycin Is a Novel Inhibitor of Glycolipid Biosynthesis", The Journal of Biological Chemistry, Vol. 269, pp. 8362-65, March 18, 1994
	EI	Andrew G. Messenger, "The Control of Hair Growth: An Overview", The Society for Investigative Dermatology, Inc., 1993
	EJ	Weinberg et al., "Reconstitution of Hair Follicle Development <i>In Vivo</i> : Determination of Follicle Formation, Hair Growth, and Hair Quality by Dermal Cells", The J. of Invest. Dermatology, Vol. 100, No. 3, March 1993
	EK	Matsuo et al., "A rapid and simple assay method for UDP-glucose:ceramide glucosyltransferase", Biochemica et al., Biophysica Acta, pp. 97-103 (1992)
	EL	Ebling et al., "The Biology of Hair", Dermatologic Clinics, Vol. 5, pp. 467-481, July 1987
	EM	Hattori et al., "Biochemical Analysis of Hair Growth from the Aspects of Aging and Enzyme Activities", The Journal of Dermatology, Vol. 10, 1983
	EN	Yoshio Sato, "The Hair Cycle and Its Control Mechanism", Biology and Disease of Hair, pp. 3-13, 1975
AB	EO	Adachi et al., "Human Hair Follicles: Metabolism and Control Mechanisms", Journal of the Society of Cosmetic Chemists, 21, 901-924, December 9, 1970
AD	EP	Raymond et al., "Agents that Target Telomerase and Telomeres", Pharmaceutical Biotechnology, pp. 583-591 (UNDATED)

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